

PF-0227-2 CIP

<110> Bandman, Olga
Lal, Preeti G.

<120> PROSTATE-ASSOCIATED PROTEASE ANTIBODY

<130> PF-0227-2 CIP

<140> To Be Assigned

<141> Herewith

<160> 8

<170> PERL Program

<210> 1

<211> 283

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 556016

<220>

<221> unsure

<222> 235

<223> unknown or other

<400> 1

Met	Lys	Leu	Asn	Thr	Ser	Ala	Gly	Asn	Val	Asp	Ile	Tyr	Lys	Lys
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Leu	Tyr	His	Ser	Asp	Ala	Cys	Ser	Ser	Lys	Ala	Val	Val	Ser	Leu
			20					25						30
Arg	Cys	Ile	Ala	Cys	Gly	Val	Asn	Leu	Asn	Ser	Ser	Arg	Gln	Ser
			35					40						45
Arg	Ile	Val	Gly	Glu	Ser	Ala	Leu	Pro	Gly	Ala	Trp	Pro	Trp	
			50					55						60
Gln	Val	Ser	Leu	His	Val	Gln	Asn	Val	His	Val	Cys	Gly	Gly	Ser
			65					70						75
Ile	Ile	Thr	Pro	Glu	Trp	Ile	Val	Thr	Ala	Ala	His	Cys	Val	Glu
			80					85						90
Lys	Pro	Leu	Asn	Asn	Pro	Trp	His	Trp	Thr	Ala	Phe	Ala	Gly	Ile
			95					100						105
Leu	Arg	Gln	Ser	Phe	Met	Phe	Tyr	Gly	Ala	Gly	Tyr	Gln	Val	Glu
			110					115						120
Lys	Val	Ile	Ser	His	Pro	Asn	Tyr	Asp	Ser	Lys	Thr	Lys	Asn	Asn
			125					130						135
Asp	Ile	Ala	Leu	Met	Lys	Leu	Gln	Lys	Pro	Leu	Thr	Phe	Asn	Asp
			140					145						150
Leu	Val	Lys	Pro	Val	Cys	Leu	Pro	Asn	Pro	Gly	Met	Met	Leu	Gln
			155					160						165
Pro	Glu	Gln	Leu	Cys	Trp	Ile	Ser	Gly	Trp	Gly	Ala	Thr	Glu	Glu
			170					175						180
Lys	Gly	Lys	Thr	Ser	Glu	Val	Leu	Asn	Ala	Ala	Lys	Val	Leu	Leu
			185					190						195
Ile	Glu	Thr	Gln	Arg	Cys	Asn	Ser	Arg	Tyr	Val	Tyr	Asp	Asn	Leu
			200					205						210
Ile	Thr	Pro	Ala	Met	Ile	Cys	Ala	Gly	Phe	Leu	Gln	Gly	Asn	Val
			215					220						225
Asp	Ser	Cys	Gln	Gly	Asp	Ser	Gly	Gly	Xaa	Leu	Val	Thr	Ser	Lys
			230					235						240
Asn	Asn	Ile	Trp	Trp	Leu	Ile	Gly	Asp	Thr	Ser	Trp	Gly	Ser	Gly
			245					250						255
Cys	Ala	Lys	Ala	Tyr	Arg	Pro	Gly	Val	Tyr	Gly	Asn	Val	Met	Val
			260					265						270
Phe	Thr	Asp	Trp	Ile	Tyr	Arg	Gln	Met	Arg	Ala	Asp	Gly		

275

280

<210> 2
 <211> 1077
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <223> Incyte ID No: 556016

 <220>
 <221> unsure
 <222> 9-10, 804
 <223> a, t, c, g, or other

<400> 2
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 cggcaatgtc gatatctata aaaaactgta ccacagtgat gcctgttctt caaaagcagt 180
 ggtttcttta cgctgtatag cctgcggggt caacttgaac tcaagccgcc agagcaggat 240
 cgtgggcggc gagagcgcgc tcccgggggc ctggccctgg caggtcagcc tgcacgtcca 300
 gaacgtccac gtgtgcggag gctccatcat ccccccgag tggatcgtga cagccgcca 360
 ctgctgtgaa aaacctctta acaatccatg gcattggacg gcatttgcgg ggattttgag 420
 acaatctttt atgttctatg gagccggata ccaagtagaa aaagtgattt ctcacccaaa 480
 ttatgactcc aagaccaaga acaatgacat tgcgctgatg aagctgcaga agcctctgac 540
 tttcaacgac ctagtgaac cagtgtgtct gcccaaccca ggcatgatgc tgcagccaga 600
 acagctctgc tggatttccg ggtggggggc caccgaggag aaaggaaga cctcagaagt 660
 gctgaacgct gccaaagggtc ttctcattga gacacagaga tgcaacagca gatatgtcta 720
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 ttgccagggg gacagtggag ggcntctggt cacttcgaag aacaatatct ggtggctgat 840
 aggggatata agctggggtt ctggctgtgc caaagcttac agaccaggag tgtacgggaa 900
 tgtgatggtt ttcacggact ggattttatc acaaatgagg gcagacggct aatccacatg 960
 gtcttcgtcc ttgacgtcgt tttaacaaga aacaatgggg ctggttttgc tccccctgac 1020
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<210> 3
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 556016H1

<220>
 <221> unsure
 <222> 136
 <223> a, t, c, g, or other

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 acatccagag taagtttgag gacctgaata agcgcaaaga caccaaggag atctacacgc 120
 acttcacgtg cgccanccga caaccaagaa cgtgcagttc gtgtttgacg ccgtcaccga 180
 tgtcatcatc aagaacaacc tgaaggactg cggcctcttc tgaggggcag cggggcctgg 240
 cgggatgggc caccgccgac tttgtacccc 270

<210> 4
 <211> 256
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 842889H1

<400> 4

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ccgggtgggg ggccaccgag gagaaaggga agacctcaga agtgctgaac gctgccaagg 180
tgcttctcat tgagacacag agatgcaaca gcagatatgt ctatgacaac ctgatcacac 240
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<210> 5

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 991163H1

<220>

<221> unsure

<222> 8, 65, 73, 90, 172, 179, 192, 199, 223, 241, 259, 263, 285

<223> a, t, c, g, or other

<400> 5

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tccacgtgtg cggaggctcc atcatcacc cagagtggat cgtgacagcc gnccactgng 180
tggaataaac tnttaacant ccatggcatt ggacggcatt tgnnggggatt ttgagacaat 240
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<210> 6

<211> 235

<212> PRT

<213> Homo sapiens

<300>

<308> Genbank ID No: g416132

<400> 6

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Ile Val Gly Gly Ser Asp Ser Arg Glu Gly Ala Trp Pro Trp Val
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Val Ala Leu Tyr Phe Asp Asp Gln Gln Val Cys Gly Ala Ser Leu
          20          25          30
Val Ser Arg Asp Trp Leu Val Ser Ala Ala His Cys Val Tyr Gly
          35          40          45
Arg Asn Met Glu Pro Ser Lys Trp Lys Ala Val Leu Gly Leu His
          50          55          60
Met Ala Ser Asn Leu Thr Ser Pro Gln Ile Glu Thr Arg Leu Ile
          65          70          75
Asp Gln Ile Val Ile Asn Pro His Tyr Asn Lys Arg Arg Lys Asn
          80          85          90
Asn Asp Ile Ala Met Met His Leu Glu Met Lys Val Asn Tyr Thr
          95          100          105
Asp Tyr Ile Gln Pro Ile Cys Leu Pro Glu Glu Asn Gln Val Phe
          110          115          120
Pro Pro Gly Arg Ile Cys Ser Ile Ala Gly Trp Gly Ala Leu Ile
          125          130          135
Tyr Gln Gly Ser Thr Ala Asp Val Leu Gln Glu Ala Asp Val Pro
          140          145          150
Leu Leu Ser Asn Glu Lys Cys Gln Gln Gln Met Pro Glu Tyr Asn
          155          160          165
Ile Thr Glu Asn Met Val Cys Ala Gly Tyr Glu Ala Gly Gly Val
          170          175          180
Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Met Cys Gln Glu
          185          190          195
Asn Asn Arg Trp Leu Leu Ala Gly Val Thr Ser Phe Gly Tyr Gln
          200          205          210
Cys Ala Leu Pro Asn Arg Pro Gly Val Tyr Ala Arg Val Pro Arg

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	215	220	225
Phe Thr Glu Trp	Ile Gln Ser Phe Leu	His	
	230	235	

<210> 7
 <211> 262
 <212> PRT
 <213> Homo sapiens

<300>
 <308> Genbank ID No: g186653

<400> 7

Met Trp Phe Leu Val	Leu Cys Leu Ala	Leu Ser Leu Gly Gly Thr	
1	5	10	15
Gly Ala Ala Pro Pro	Ile Gln Ser Arg	Ile Val Gly Gly Trp Glu	
	20	25	30
Cys Glu Gln His Ser	Gln Pro Trp Gln	Ala Ala Leu Tyr His Phe	
	35	40	45
Ser Thr Phe Gln Cys	Gly Gly Ile Leu Val	His Arg Gln Trp Val	
	50	55	60
Leu Thr Ala Ala His	Cys Ile Ser Asp	Asn Tyr Gln Leu Trp Leu	
	65	70	75
Gly Arg His Asn Leu	Phe Asp Asp Glu	Asn Thr Ala Gln Phe Val	
	80	85	90
His Val Ser Glu Ser	Phe Pro His Pro	Gly Phe Asn Met Ser Leu	
	95	100	105
Leu Glu Asn His Thr	Arg Gln Ala Asp	Glu Asp Tyr Ser His Asp	
	110	115	120
Leu Met Leu Leu Arg	Leu Thr Glu Pro	Ala Asp Thr Ile Thr Asp	
	125	130	135
Ala Val Lys Val Val	Glu Leu Pro Thr	Gln Glu Pro Glu Val Gly	
	140	145	150
Ser Thr Cys Leu Ala	Ser Gly Trp Gly	Ser Ile Glu Pro Glu Asn	
	155	160	165
Phe Ser Phe Pro Asp	Asp Leu Gln Cys	Val Asp Leu Lys Ile Leu	
	170	175	180
Pro Asn Asp Glu Cys	Glu Lys Ala His	Val Gln Lys Val Thr Asp	
	185	190	195
Phe Met Leu Cys Val	Gly His Leu Glu	Gly Gly Lys Asp Thr Cys	
	200	205	210
Val Gly Asp Ser Gly	Gly Gly Pro Leu Met	Cys Asp Gly Val Leu Gln	
	215	220	225
Gly Val Thr Ser Trp	Gly Tyr Val Pro	Cys Gly Thr Pro Asn Lys	
	230	235	240
Pro Ser Val Ala Val	Arg Val Leu Ser	Tyr Val Lys Trp Ile Glu	
	245	250	255
Asp Thr Ile Ala Glu	Asn Ser		
	260		

<210> 8
 <211> 263
 <212> PRT
 <213> Homo sapiens

<300>
 <308> Genbank ID No: g55527

<400> 8

Met Trp Phe Leu Ile	Leu Phe Leu Ala	Leu Phe Leu Gly Gly Ile	
1	5	10	15
Asp Ala Ala Pro Pro	Val Gln Ser Arg	Ile Ile Gly Gly Phe Asn	
	20	25	30
Cys Glu Lys Asn Ser	Gln Pro Trp His	Val Ala Val Tyr Arg Phe	
	35	40	45
Ala Arg Tyr Gln Cys	Gly Gly Val Leu	Leu Asp Ala Asn Trp Val	

Leu Thr Ala Ala	His Cys Tyr Asn Asp	Lys Tyr Gln Val Trp	Leu
65	70	75	
Gly Lys Asn Asn	Arg Phe Glu Asp Glu	Pro Ser Ala Gln His	Gln
80	85	90	
Leu Ile Ser Lys	Ala Ile Pro His Pro	Gly Phe Asn Met Ser	Leu
95	100	105	
Leu Asn Lys Asp	His Thr Pro His Pro	Glu Asp Asp Tyr Ser	Asn
110	115	120	
Asp Leu Met Leu	Val Arg Leu Lys Lys	Pro Ala Glu Ile Thr	Asp
125	130	135	
Val Val Lys Pro	Ile Asp Leu Pro Thr	Glu Glu Pro Thr Val	Gly
140	145	150	
Ser Arg Cys Leu	Ala Ser Gly Trp Gly	Ser Thr Thr Pro Thr	Glu
155	160	165	
Glu Phe Glu Tyr	Ser His Asp Leu Gln	Cys Val Tyr Leu Glu	Leu
170	175	180	
Leu Ser Asn Glu	Val Cys Ala Lys Ala	His Thr Glu Lys Val	Thr
185	190	195	
Asp Thr Met Leu	Cys Ala Gly Glu Met	Asp Gly Gly Lys Asp	Thr
200	205	210	
Cys Val Gly Asp	Ser Gly Gly Pro Leu	Ile Cys Asp Gly Val	Leu
215	220	225	
Gln Gly Ile Thr	Ser Trp Gly Pro Thr	Pro Cys Ala Leu Pro	Asn
230	235	240	
Val Pro Gly Ile	Tyr Thr Lys Leu Ile	Glu Tyr Arg Ser Trp	Ile
245	250	255	
Lys Asp Val Met	Ala Asn Asn Pro		
260			